

Message

From: Hodgkiss, Miranda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9D441DDB44AC4ED486058D2C2690B977-HODGKISS, MIRANDA]
Sent: 11/30/2018 6:11:57 PM
To: Carlin, Jayne [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8fb65515e114f0c9a07cf1a9796132f-Carlin, Jayne]
Subject: FW: Deschutes River DO impairments
Attachments: DeschutesDO.PNG

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From: Schmidt, Michelle <Michelle.Schmidt@tetrattech.com>
Sent: Friday, November 30, 2018 7:02 AM
To: Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>
Subject: Deschutes River DO impairments

Miranda,

One of the topics I'd like to discuss with you today pertains to the Deschutes River DO impairments. I've attached a longitudinal plot of daily minimum DO concentrations from the original TMDL technical report showing the QUAL2Kw scenarios. The associated DO standards are also plotted as a reference. The portion of the river downstream of Offutt Lake has a designated use of spawning/rearing and, therefore, a lowest 1-day minimum DO standard of 8.0 mg/L. This is the portion of the river that is listed as DO impaired (see red arrow). The upper segments of the Deschutes River are designated as core summer habitat and have a more stringent lowest 1-day minimum DO standard of 9 mg/L. Modeling results indicate violations in this portion of the river even under natural conditions. However, this portion of the river is not listed as DO impaired.

Ex. 5 Deliberative Process (DP)

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On a related note, the applicable seasons for spawning/rearing and core summer habitat are listed as September 16 - June 14 and June 15 - September 15, respectively. However, it seems that the lowest 1-day minimum DO standards associated with these uses remain applicable year-round. Is that correct?

Michelle

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